**BLOOD LAB DIRECTIONS**

**Known Angles**

1. Students will get one clipboard, one protractor, and one ruler per partners/group
2. Students will also receive one disposable cup full of ~250mL of fake Halloween blood and a pipette
3. Students will place one blank white computer paper (6 needed total) on the clipboard
4. Students will perform 3 trials for each angle. Students will place the protractor on the table and measure the complimentary angle *(if measuring 30\* use the protractor to measure 60\* from the table*)
5. Students will drop 3 separate good drops of blood and calculate the three angles from which it was dropped. The formula is **sin-1 (width/length)**. They will measure in cm

**Unknown Angles**

1. Students will have one unknown clipboard per table
2. Students will receive one disposable cup full of ~250mL of fake Halloween blood and a pipette
3. Students will drop 3 separate good drops of blood and calculate the three angles from which it was dropped. The formula is **sin-1 (width/length)**. They will measure in cm
4. Students are graded on accuracy within a range of ± 5º (*if the correct angle is 45*º, *I will accept answers from 40-50*º)